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vibrating device has a selected characteristic, such as duty cycle, which is set initially at less than an optimum value, when the battery is at full strength. As the battery discharges, the selected characteristic is adjusted toward optimum so as to compensate for reduction in the battery voltage and ensure full power output.





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 08 00 5610

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	PATENT ABSTRACTS OF JAPAN vol. 010, no. 228 (E-426), 8 August 1986 (1986-08-08) -& JP 61 062381 A (KYUSHU HITACHI MAXELL LTD), 31 March 1986 (1986-03-31) * abstract; figures *	1-5	INV. G06G7/66 A61C17/22 G01R31/36
A	DE 41 31 981 A1 (BRAUN AG, 6000 FRANKFURT, DE) 1 April 1993 (1993-04-01) * column 1, lines 36-56 * * column 2, lines 45-60 * * column 3, lines 9-15 * * figures *	1-5	
A	US 4 703 247 A (MORIOKA ET AL) 27 October 1987 (1987-10-27) * column 4, line 65 - column 5, line 4 * * figures 3,4 *	1-5	
			TECHNICAL FIELDS SEARCHED (IPC)
			A61C G01R
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 23 July 2008	Examiner Chabus, Hervé
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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EPO FORM 1503 03/82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 08 00 5610

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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23-07-2008

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